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For Immediate Release

BroadLight Announces Sample Availability of its BL2348 GPON Residential Gateway System-on-Chip

The BL2348 Provides the Next Level of Performance for FTTH Connected Residential Gateways

May 12, 2008 – Santa Clara, Calif. – BroadLight, the leading supplier of GPON semiconductors and software, today announced that it has delivered first samples of its BL2348 GPON Residential Gateway (RG) System-on-Chip (SoC) solution for FTTH applications. In a separate press release, BroadLight also announced today that Askey Computer has designed the highly-integrated BL2348 SoC into its new line of high-performance CPE products.

BroadLight will be demonstrating the BL2348 at the NXTComm show in Las Vegas, NV from June 16-19, 2008.

“Customers around the globe are incorporating the BL2348 RG SoC to deliver high-performance GPON-enabled residential gateways that connect the home network directly to the access network,” said Raanan Gewirtzman, BroadLight’s Chief Executive Officer. “Customers such as Askey clearly see the market moving towards a one-box RG solution and the BL2348 enables them to achieve the cost-performance required by service providers.”

“As a result of our powerful embedded *PONRunner* packet processor, our customers can use the BL2348 for high-performance RG or cost-effective ONT applications” said Didi Ivancovsky, Founder and VP Marketing for BroadLight. “Our *GateMaker* and *PONMaker* software are the keys that unlock *PONRunner* for the two applications.”

About the BL2348

The BL2348 leverages its field proven *PONRunner* network processor in a dual-core architecture to perform the necessary layer 2, 3 and 4 packet functions with throughputs of 1Gbps. Its embedded GPON MAC creates a cost-effective single chip solution.

- High-performance dual core *PONRunner* architecture for 1 Gbps upstream and downstream throughput for layer 2, 3 and 4 packet processing
- ITU-T G.984 compliant and interoperability proven GPON MAC

- Embedded VoIP DSP for 4 concurrent ports, 3-way calling and T.38 fax
- *GateMaker* software for gateway functions of GPON operation, firewall, security, SIP, management, QoS, NAT, etc.
- *PONMaker* software for ONT functions of GPON operation, bridging, L2 QoS, etc.
- Standard interfaces for home networking technologies such as: Gigabit and Fast Ethernet, 802.11 a/b/g/n, MoCA, HomePNA, HomePlug, USB.
- 19x19 mm PBGA-441 package, working at industrial temperature range.

About BroadLight

BroadLight delivers the industry's only end-to-end (E2E) solution (from the customer premises to the central office) for equipment vendors designing ITU-T compliant passive optical network (PON) systems. The company's completely integrated product line consists of standards-based communication semiconductors and software solutions that enable its customers to deliver BPON and GPON equipment to carriers and services providers worldwide. This E2E solution provides customers with a lower risk development cycle and enables them to significantly speed time-to-market. As a result, BroadLight technology has been adopted by leading manufacturers who are currently providing equipment for the some of the world's largest fiber PON roll-outs.

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